

**AMENDMENTS TO THE SPECIFICATION:**

Please add the following new paragraph after the Title METHOD AND DEVICE FOR  
DETECTING DIRECTION OF MEMBER HAVING OUTER PERIPHERY FORMED IN  
VERTICALLY ASYMMETRICAL SHAPE

**CROSS REFERENCE TO RELATED APPLICATION**

This application is a U.S. nationalization of International Application PCT/JP2004/017565, filed  
November 26, 2004, which claims the benefit of priority from Japanese Patent Application No.  
2004-17264, filed January 26, 2004.

Please add the following new paragraph after the heading BRIEF DESCRIPTION OF THE  
DRAWINGS

The nature, principle, and utility of the invention will become more apparent from the following  
detailed description when read in conjunction with the accompanying drawings in which like  
parts are designated by identical reference numbers, in which:

Please add the following new paragraph after current paragraph [0055]:

The invention is not limited to the above embodiments and various modifications may be made  
without departing from the spirit and scope of the invention. Any improvement may be made in  
part or to all of the components.